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The Gazette of India

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No. 42] NEW DELHI, SATURDAY, OCTOBER 16, 1999 (ASVINA 24, 1921)

GOVT. OF INDIA 8/10/99

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 16th October 1999

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Telegraphic address "PATENTOFIC"
Phone No. 490 1495
Fax No. 044 490 1492

Patent Office, (Head Office)
"NIZAM PALACE", 2nd M.S.O. Building, 5th, 6th and 7th Floors, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020.
Rest of India.

Telegraphic address "PATENTS"
Phone No. 247 4401
Fax No. 033 247 3851

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 16 अक्तूबर 1999

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।
तार पता - "पेटोफिस"
फोन 4825092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सफदरजंग मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।
तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटोफिक"
फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट कार्यालय का कलकत्ता स्थित प्रधान कार्यालय पेटेंट सहयोग संधि के अधीन अन्तरराष्ट्रीय आवेदनों के लिए रिसीविंग कार्यालय, इलेक्टेड कार्यालय व कंसिग्नेटेड कार्यालय है ।

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE
234/4, ACHARYA JAGDISH BOSE ROAD,
CALCUTTA-700 020

The dates shown in the crecent brackets are the date claimed under section 135, under Patent Act, 1970

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717/Cal/99. Dr. (Mrs.) Banasri Hazra, "Process for the preparation of bioactive binaphthyl quinonoids, the hydroquinonoid analogues, and their derivatives".

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31-08-1999

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745/Cal/99. Degussa-Huls Aktiengesellschaft, "Precipitated silicic acid". (Convention No. 19840153.1 on 3-9-98 in Germany).

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12-4-1999

557/Del/99. Autotype International Limited, England, "Apparatus and method for applying liquids to screen printing stencils". (Convention date 15-4-98) Japan.

558/Del/99. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Engine assistor serving as engine starter". (Convention date 24-6-98) Japan.

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562/Del/99. Rollatainers Limited, India, "A carton filling machine".

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564/Del/99. The Chief Controller of Research & Development India, "A method of processing of fresh, ripe fruit slices".

565/Del/99. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Vehicle handle locking device". (Convention date 17-6-98) Japan.

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567/Del/99. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Combustion chamber structure for internal combustion engine". (Convention date 18-6-98) Japan.

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15-4-1999

569/Del/99. Council of Scientific & Industrial Research, India, "A process for the preparation of fruit juice power".

570/Del/99. Council of Scientific and Industrial Research, India, "An improved process for the preparation of 2-aryl propionic acids, India".

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578/Del/99. Council of Scientific and Industrial Research, India, "A process for the synthesis of new heterocyclic substituted sulfamides".

579/Del/99. Achint Kumar Jain, India, "Improvements in or relating to the processes with the hot-flue gases heat".

580/Del/99. Whirlpool Corporation, USA, "Clothes treating apparatus". (Convention date 27-4-98) U.S.A.

581/Del/99. General Electric Company, USA, "Error Compensation for device tracking systems employing electromagnetic fields". (Convention date 26-5-98 in U.S.A.).

582/Del/99. The Furukawa Electric Co. Ltd., Japan, "Method and apparatus for enlarging diameter of cylindrical body made of elastic elastomer". (Convention date 20-4-98 and 2-9-98) Japan.

583/Del/99. E I Du Pont De Nemours and Company, USA, "A multifillament direct use yarn".

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586/Del/99. ELF Atochem S. A., France, " Process for the continuous manufacture of dialkylaminoalkyl (Meth) acrylates". (Convention date 21-4-98) France.

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16-4-1999

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590/Del/99. Pfizer Inc., USA, "Pyrazolopyrimidinone comp PDE5 inhibitors for the treatment of sexual dyafunction". (Convention date 20-4-98 and 30-6-98) England.

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592/Del/99. Chief Controller of Research and Development, India, "A process for preparation of riodegradable controlled release insecticide matrix composition".

19-4-99

593/Del/99. Council of Scientific and Industrial Research, India, "A process for preparation of diesters of poly (oxyalkylene glycol) and amino acids" India.

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599/Del/99. Magneti Marelli S.p.A., Italy, "A volumetric Pump" (Convention date 29-1-99) Malaysia.

600/Del/99. Hartalega Industries SDN BHD, Malaysia, "A glove stripping device" (Convention date 29-1-99) Malaysia.

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602/Del/99. Carrier Corporation, USA, 'Louver apparatus for air Conditioning Unit" (Convention date 3-6-98) USA.

603/Del/99. Zuli Holdings Ltd., Israel, "Apparatus and Method for selectively positioning a device and a manipulating it" (Convention date 31-7-98) USA.

604/Del/99. Department of Science & Technology, India, "A process of producing enzymes with enhanced catalytic activity" (Convention date).

605/Del/99. Carrier Corporation, USA, "Conjugate Screw Rotor profile" (Convention date 29th May 98) USA.

20-4-99

606/Del/99. The Procter & Gamble Company, USA, "A method for producing a foam".

607/Del/99. National Institute of Immunology, India, "Method for ex-vivo expansion of hematopoietic cells".

608/Del/99. Phoenix Lamps, India, "Incandescent Electric lamp assembly".

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610/Del/99. Ishikawajima Harima Heavy Industries Company Ltd., Australia, "Casting steel strip" (Convention date 4th May 1998) Australia.

611/Del/99. BP Chemicals Limited, England, "Purification Process' (Convention date 25-4-98 and 7-1-1999) U.K.

612/Del/99. Societe Europeenne Des Products Refractaires France, "Novel sintered materials produced from zircon and zirconia" (Convention date 22-4-98) France.

613/Del/99. Hercules Incorporated, USA, "Paper size dispersions" (Convention date 22-4-98) USA.

614/Del/99. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Wire connecting device" (Convention date 18-5-98) Japan.

615/Del/99. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Pressure connector" (Convention date 18-5-98) Japan.

21-4-99

616/Del/99. Romesh Chand, India, "Improved monoblock pump set".

617/Del/99. Diebold, Incorporated, USA, "Automated banking machine and system" (Convention date 7-7-98, 7-8-98 and 2-9-98) USA.

618/Del/99. Diebold Incorporated, USA, "Apparatus and method for deterning conditions of bank notes" (Convention date 17-7-98) USA.

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620/Del/99. Bayer Aktiengesellschaft, Germany, "Arylphenyl-substituted cyclic ketoenols".

621/Del/99. Vigyan Prasad, India, "Visual learning device".

622/Del/99. Nova weigh limited, Great Britain, "Improved weighing assembly" (Convention date 25-4-98) U.K.

22-4-99

623/Del/99. Jervis B. Webb International Company, USA, "Accumulation conveyor control system" (Convention date 24-4-98) USA.

624/Del/99. Europa Metalli S.P.A., Italy, "Ingot Mold for continuous casting of molten metal, particularly for forming rectangular or square section steel Billets".

625/Del/99. Corning Incorporated, USA, "Dispersion managed optical waveguide and system with distributed amplification" (Convention date 1-5-1998) USA.

626/Del/99. Nunzio LA Vecchia, Switzerland, "Semiconductor component in particular a solar cell and process for manufacture of same" (Convention date 23-10-98) PCT. 29-4-98 Europe.

627/Del/99. Michel Chatelain, France, "Suark-Igntion engine flat and with opposite cylinders" (Convention date 24-4-98) France.

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8-7-1999

492/Bom/99 Kambyan Valapil Radhakrishnan Nair. "Internal lining or external casing of tubes or pipes with metalic or non metalic surfaces".

493/Bom/99 Kambyan Valapil Radhakrishnan Nair. "Hand grip (self adhesive) for paper or any carry bag without handle".

494/Bom/99. Kambyan Valapil Radhakrishnan Nair. "Bottom pouring of in got with a core for rolling tubes".

495/Bom/99. Kambyan Valapil Radhakrishnan Nair. "Manufacturing internally threaded components through draw forming or roll forming".

496/Bom/99. Kambyan Valapil Radhakrishnan Nair. "Slotted threads for bolts for easy mass production".

497/Bom/99. Kambyan Valapil Radhakrishnan Nair. "Tapered shell draw using elastomer".

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9-7-1999

500/Bom/99. The Director, The Automotive Research Association of India. "A unique liquefied petroleum gas (LPG) fuel meterng system for 150cc single cylinder 2-stroke engined Bajaj RE 3-wheeler for bi-fuel operation of LPG/Gasoline".

12-7-1999

501/Bom/99. Rajvanas Raj. "Worlds first three dimentional lenticulargrid television imagery system named "Neena".

502/Bom/99. Ittadwar Abhay Madhav. "Isoaltion of isoflavonoids from the Rhizomes of curcuma longa-linn family Zingiberaceae and their anti-cancer activities".

503/Bom/99. Haresh C. Mehta. "Holder Clip".

504/Bom/99. USV Ltd. "A process for the preparation of alkyl/aryl sufonate esters of thiophene ethanol".

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505/Bom/99. Pallchadath Satheesan Menon. "Power assisted inteligent streering system for automobiles".

506/Bom/99. Sanskar Sharma. "An improved carburetor".

507/Bom/99. Mr. Maholay Sharad Jankiprasad and Patankar Ashish Sainath. "Method of producing Prestressed wire".

508/Bom/99. Mr. Hasmukh Tank. "Vivid Vision Scope".

509/Bom/99. Khrebtan, Gennady Anatolievich. "Vehicle (Variants) Vehicle Frame Muscular drive (variants), Tent-Type Hood, Boot, Damping device and step fixation device".

15-7-1999

510/Bom/99. Walchandnagar Industries Ltd. "A sugarcane detopper cum detrasher".

16-7-1999

511/Bom/99. Endress + Hauser Flowtec AG EP. Miority dt. 22-7-98. "Clamp-on Ultrasonic Flow Meter".

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2578/Mas/98. The Director, Paddy Processing Research Centre. A process for partoiling of rice.

2579/Mas/98. K. Kishore Babu Composing Technologies Pvt. Ltd. A process for manufacturing node for space frame structures and a node manufactured thereby.

2580/Mas/98. V. Narasimhamurthy. A gas generation system with control for storing and utilisation.

2581/Mas/98. Nokia Telecommunications Oy. Method and apparatus for controlling subscriber's local operation in a mobile communication system. (November 14, 1997; Finland).

2582/Mas/98. Cosmos International Inc. Projection welded panel spacer and method of making same. (November 17, 1997; U.S.A.).

2583/Mas/98. Amsted Industries Incorporated. Test apparatus for a railway wheel. (November 25, 1997; U.S.A.).

2584/Mas/98. (1) Novo Nordisk A/s. (2) Novo Nordisk Biotech Inc. (3) Asahi Chemical Industry Co. Ltd. Polypeptides having aminopeptidase activity and nucleic acids encoding same. (December 16, 1997; Denmark).

2585/Mas/98. Heidelberger Druckmachinen AG. Method and apparatus for transferring the trailing edge of a sheet in a turning device of a sheet-fed rotary printing machine. (November 28, 1997; Germany).

2586/Mas/98. Societe Des Products Nestle S A. Noodle product of the koay teow type.

2587/Mas/98. Henkel Kommanditgesellschaft Auf Aktien. Stabilized cyanoacrylate adhesives. (November 17, 1997; Germany).

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2588/Mas/98. Paul Gerard D'Souza. A LARGE DATE DISPLAY MECHANISM and Improvements in or relating to a LARGE DATE DISPLAY MECHANISM particularly suited for use as an attachment or extension or additional feature to mechanical clocks and watches, to enable date to be displayed or indicated in a larger format, given the existing available space.

2589/Mas/98. Oban Foods Limited. Improved method of preparing an inoculum for preparing food products.

2590/Mas/98. Qualcomm Incorporated. Multichannel demodulator. (December 9, 1997; U.S.A.).

2591/Mas/98. Amsted Industries Incorporated. Grinding wheel and method for removal of sprues and riser pads from cast railcar wheels. (December 17, 1997; U.S.A.).

2592/Mas/98. Lonza AG. Process for preparing nicotinic acid. (November 25, 1997; Switzerland).

2593/Mas/98. Matsushita Electric Industrial Co. Ltd. Stress relaxation type electronic component, a stress relaxation type circuit board, and a stress relaxation type electronic component mounted member. (November 19, 1997; Japan).

2594/Mas/98. (1) Dr. Peter Siklosi; (2) Dr. Pal Fejes; (3) Imre Kiricsi and (4) Gyorgy Banvolgyi. Process for production of zeolites from raw materials containing alkali alumino hydro-silicates.

2595/Mas/98. Zellweger Luwa AG. Revolving body. (December 3, 1997; Switzerland).

2596/Mas/98. Aluminium Pechiney. Prdouction of alumina trihydrate with separate control of the sodium content and particle size distribution. (November 17, 1997; France).

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2606/Mas/98. (1) Premanand Shivalingappa Mangalwedhe & (2)Sachin Santhaveer Mangalwedhe. A process for extracting polysaccharides from tamarind seed kernel.

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2608/Mas/98. Michel O Reupp aar pharma, Putamen Ovi, (November 21, 1997; Germany).

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2611/Mas/98. Enichem S p A. Catalytic complexes based on lanthanides for the (CO) polymerization of conjugated dienes. (November 27, 1997; Italy).

19th November, 1998

2612/Mas/98. Dilip Daniel James. An improved rotary internal combustion Engine.

2613/Mas/98. Micro Motion, Inc. Driver for oscillating a vibrating conduit. (December 4, 1997; U.S.A.).

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2618/Mas/98. Square D Company. Arcing fault protection system for a switchgear enclosure. (November 19, 1997; U.S.A.).

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2633/Mas/98. Shimano Inc., Bicycle shifting device. (December 12, 1997; Japan).

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2634/Mas/98. (1) Chevron Chemical Company LLC., & (2) Idemitsu Kosan Co. Ltd., Monofunctional reforming catalyst containing bismuth. (December 22, 1997; U.S.A.

2635/Mas/98. Maschinefabrik Rieter Ag., Regulated drafting system. (November 24, 1997; Switzerland).

2636/Mas/98. (1) Novo Nordisk A/S. (2) A. E. Staley Manufacturing Co. A method of producing saccharide preparations. (November 26, 1997; U.S.A.).

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2660/Mas/98. Hazenbos, Bartholomeus Franciscus Wilhelmus. Device and method for displaying deciduous teeth and molars. (November 25, 1997; In Netherlands).

2661/Mas/98. Talbert Fuel Systems, Inc. E-gasoline II A special gasolin for modifid spark ignited internal combustion engines.

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2674/Mas/98. EEV Ltd. Electron beam tubes. (November 27, 1997; United Kingdom).

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(3) Robert Harold Vogel.

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2681/Mas/98. Anne Vijaya Venkatadeepak. Electrostatic current generator.

2682/Mas/98. A. P. Sunitha. A transformer for utilising the required energy and to minimise the loss.

2683/Mas/98. Protechpa SA. Plastic safety valve for containers. (December 12, 1997; Germany).

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2686/Mas/98. Boehringer Mannheim GMBH. An active Hedgehog-protein-mutant, a process for its preparation and its use for pharmaceutical purposes. (November 28, 1997; Europe).

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2688/Mas/98. Kabushiki Kaisha Toyoda Jidoshokki Seisaku-sho. Torsional vibraton attenuating structure in compressor. (November 28, 1997; Japan).

2689/Mas/98. Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Compressor. (November 28, 1997; Japan).

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2693/Mas/98. Messer Griesheim GMBH. Process and device for the separation of gases in a gas mixture. (December 4, 1997; Germany).

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2695/Mas/98. Kimberly-Clark Worldwide Inc. Paper sheet with increased cross machine direction stretchability. (December 22, 1997; U.S.A.).

ALTERATION OF DATES UNDER SECTION 16

183248
(353/Cal/97) Antidated to 25th March, 1994.

183250
(951/Cal/95) Antidated to 1st August, 1990.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए ।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है ।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है ।

Cl. : 190 B 183241

Int. Cl.[4] : G 01 D 21/14

MONITORING SYSTEM FOR REPRESENTING VIBRATION CONDITIONS OF A MULTIPLICITY OF BLADES ON A ROTATING DISC.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY.

Inventors :
HANS BOERES.
DR. MEINNRAD GLOGER.
MICHAEL JUNG.

Application No. 664/Cal/1994 filed on 19th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

9 Claims

Monitoring system for representing vibration conditions of a multiplicity of blades (1) on a rotating disc (2), having the following components :

(a) a stationary sensor device (4, 5, 6, 7) with at least one sensor (4, 5) associated with the disc (2) and an ancillary pulse generator (7), the sensor being connected to the ancillary pulse generator (7) and the pulse generator (7) delivering a sensor pulse which marks an instant at which a blade (1) passes the sensor (4, 5);

(b) a mark pick-up (8), which is associated with the disc (2) and always delivers a mark pulse when the disc (2) is in a certain zero position;

(c) an analysis device (9) having :

c1) an allocation module (10) to which the sensor pulses and the mark pulses are supplied and

which, taking account of the mark pulses, associates each sensor pulse with the blade (1) which has caused it when passing the corresponding sensor (4, 5), and which allocation module converts, for each blade (1), the sensor pulse into vibration data which characterize the vibration condition of the blade (1);

c2) a memory module (12), which accesses a working memory (13), to which the vibration data for all the blades (1) are supplied, which stores the vibration data in the working memory (13) and which, in the manner of a shift register, transfers the storage of, or overwrites, vibration data which have already been stored when new vibration data are received, the working memory (13) accepting a multiplicity of vibration data received for each blade (1) in time sequence;

(d) a representation device (14) by means of which the vibration data stored in the working memory (13) can be called up and represented on at least one representation medium (15, 16).

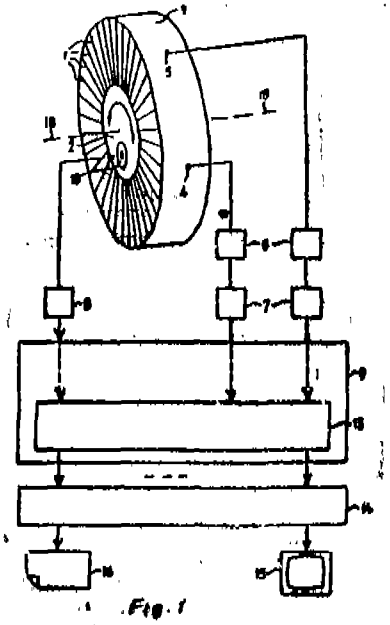


Fig. 1

Compl. Specn. 21 Pages; Drgns. 2 Sheets.

Cl. : 110 183242

Int. Cl.[6] : D 04 B 1/00, 39/00

A METHOD OF PRODUCING KNITTED ARTICLES.

Applicant : SHIMA SEIKI MANUFACTURING LTD., OF 85, SAKATA, WAKAYAMA, JAPAN.

Inventor : MASAHIRO SHIMA.

Application No. 871/Cal/94 filed on 21st October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

6 Claims

A method of producing knitted articles on a knitting machine comprising the steps of :

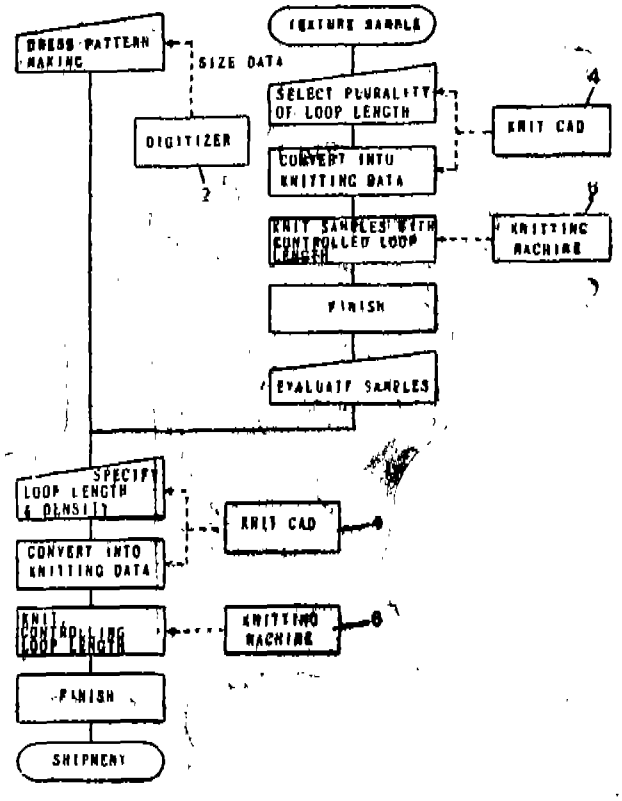
determining the shape and size of the knitted article to be produced,

knitting different kinds of texture samples in a size smaller than said size with different loop lengths on a knitting machine,

finishing the textured samples and thereafter evaluating the texture of the samples to select an optimum sample,

determining the loop length of the knitted article to be produced from the loop length of the optimum sample and determining the wale number and course number of the knitted article to be produced from the size of the finished optimum sample or from both the wale number and course number of said optimum sample per unit length, and

knitting the article on the knitting machine with the wale number and course number, so determined, while controlling the loop length so that the loop length is in match with the determined loop length.



Compl. Specn. 30 Pages; Drgns. 4 Sheets.

Cl. : 62 E 183243

Int. Cl.[6] : D 06 F 33/02

AUTOMATICALLY CONTROLLED WASHING MACHINE.

Applicant : BOSCH-SIEMENS HAUSGERATE GMBH., OF HOCHSTR. 17, D-81669 MUNICH, GERMANY.

Inventors :
FRANK BOELDT.
INGO SCHULZE.
HARALD MOSCHUETZ.
MARIANNE ROEHL.

Application No. 86/Cal/95 filed on 30th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

9 Claims

An automatically controlled washing machine comprising a laundry drum (4);

a drive motor (9) for driving the laundry drum with a plurality of different speeds for washing, rinsing and spinning;

an rpm control circuit (10) for adjusting an rpm of the drive motor; and

means (10, 11) for determining the rpm of the drive motor in accordance with set-point and actual rpm values; the improvement comprising :

a control circuit (11) having a memory (12) for receiving a signal during a spin cycle, the signal being a measure for an undesired breaking of the drum and being determined by a mutual ratio of the following operating parameters of the drive motor :

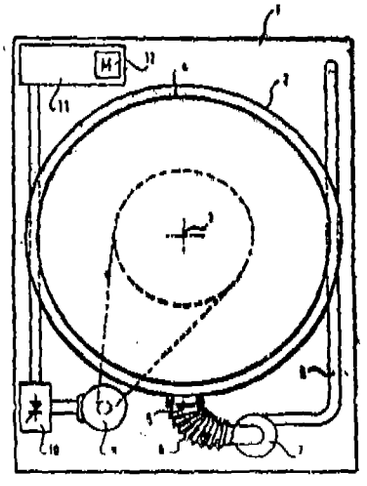
(a) the set-point rpm (n smax')

(b) the actual rpm (n) and

(c) a load-dependent electrical variable (i);

which (the parameters) are picked up by sensor means at the driver motor (9) and connected to the control circuit (10), and said control circuit controlling a spinning operation of the washing machine in dependence on the signal.

Fig.1



Compl. Specn. 21 Pages; Drgns. 4 Sheets.

183244

Cl. : 206 E

Int. Cl. : H 01 P 1/23, 1/218

SIGNAL-TO-NOISE ENHANCER.

Applicant : MURATA MANUFACTURING CO. LTD., OF 26-10, TENJIN 2-CHOME, NAGAOKAKYO-SHI, KYOTO-FU, JAPAN AND NIPPON HOSO KYOKAI, OF 2-1 JINNAM 2-CHOME, SHIBUYA-KU, TOKYO-TO, JAPAN.

Inventors :

YOUHEI ISHIKAWA.

TAKEKAZU OKADA.

SATORU SHINMURA.

FUMIO KANAYA.

SHINICHIRO ICHIGUCHI.

TOSHIHITO UMEGAKI.

TOSHIHIRO NOMOTO.

Application No. 231/Cal/95 filed on 2nd March, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

8 Claims

A signal-to-noise enhancer (10) comprising :

an input terminal and an output terminal;

a first signal path extending from the input terminal to the output terminal;

a second signal path extending from the input terminal to the output terminal; and

a limiter (62a), provided in the first signal path, for limiting an amplitude of a main signal in said first signal path;

characterized by

a first hybrid set (20) receiving an input signal from the input terminal and for dividing the input signal including the main signal and noise into a first signal on the first signal path and a second signal on the second signal path, said first signal and said second signal having a first phase difference in a wide bandwidth; said first phase difference being not zero; and

a second hybrid set (40) for combining a signal obtained from said first signal path and said second signal path with a second phase difference in a wide bandwidth and for outputting the combined signal to the output terminal, said second phase difference being not zero;

wherein the sum of said first phase difference and said second phase difference is (2n+1).180 degree where n is 0 or an integer.

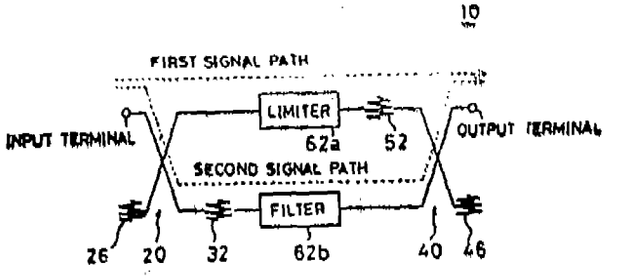


FIG.5

Compl. Specn. 34 Pages; Drgns. 7 Sheets.

183245

Cl. : 148 A

Int. Cl. : C 03 C 1/30, 1/42

SELF-CONTAINED PHOTOHARDENABLE IMAGING ASSEMBLY AND METHOD OF MAKING THE SAME.

Applicant : CYCOLOR, INC., OF 3385 NEW MARK DRIVE, MIAMISBURG, OHIO 45342, UNITED STATES OF AMERICA.

Inventors :

JOSEPH CLEMENT CAMILLUS.

MARK ALAN JOHNSON.

JOHN MARSHALL TAYLOR.

DARRELL ALLEN TERRY.

WILLIAM LIPPKE.

SHELBY THOMAS BRAMMER.

Application No. 594/Cal/95 filed on 26th May, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

20 Claims

A self-contained photohardenable imaging assembly (1) comprising a first transparent support (10), made of a clear polyethylene terephthalate film; a second support (20) which is transparent or opaque, and which is made of clear or opaque polyethylene terephthalate film; and an imaging layer (12) comprising a developer material (16) such as herein described and a plurality of photohardenable microcapsules (14), said microcapsules containing a color former such as

described and a photohardenable composition such as herein described, said imaging layer being disposed between said first transparent support and said second support.

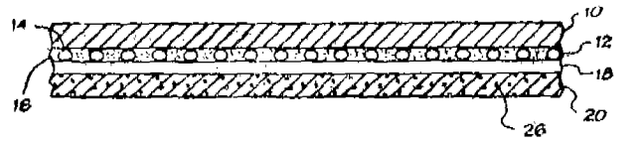


FIG. 1

Compl. Specn. 27 Pages; Drgns. 3 Sheets.

Cl. : 143 C
76 E

183246

Int. Cl.[6] : F 16 B 39/284

FASTENING DEVICE FOR FASTENING A TOOL OR WORKING-PIECE ON A HOLDER.

Applicant & Inventor : MANFRED SCHANZ, OF TALSTRASSE 4, 79650 SCHOPFHEIM GERMANY.

Application No. 940/Cal/95 filed on 11th August, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

16 Claims

Fastening device for fastening a tool or workplece constituting a first part (1) on a holder constituting a second part (3), said two parts having adjoining fitting areas (4, 5) lying one against the other when in use and being braced against each other by fastening means (2) extending transversely or at right angles to the plane of contact of said fitting areas (4, 5), said fastening means (2) fixing the fitting areas (4, 5) in mutual axial position, fitting projections (9) being provided at the fastening point to prevent said first and second parts (1, 3) connected to each other from shifting tranversely to said fastening means or within said plane of contact of said fitting areas (4, 5) and to center said two parts (1, 3) with an exact fit transversely with respect to said plane of contact at least in the X and Y directions, characterised in that said fitting projections (9) are provided on one of said parts (3) between the contact surfaces, the other of said parts (1) has fitting recesses (10) at corresponding points, so that said projections and receses, when fastened together engage one another so as to be locked positively with an exact fit, and said fitting projections (9) are provided on a deviating area (11) which can elastically deflect or is flexible, in an axial direction against a deforming force of the part (3) on which they are located.

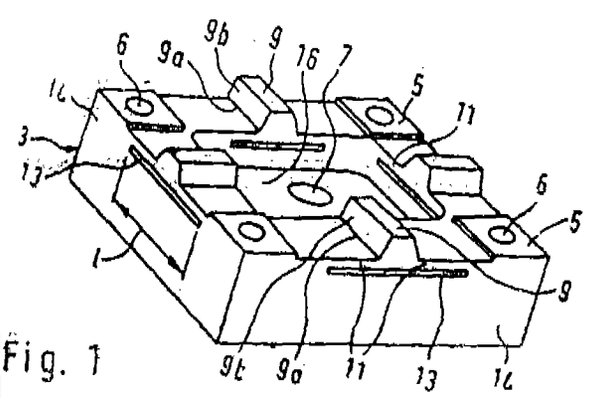
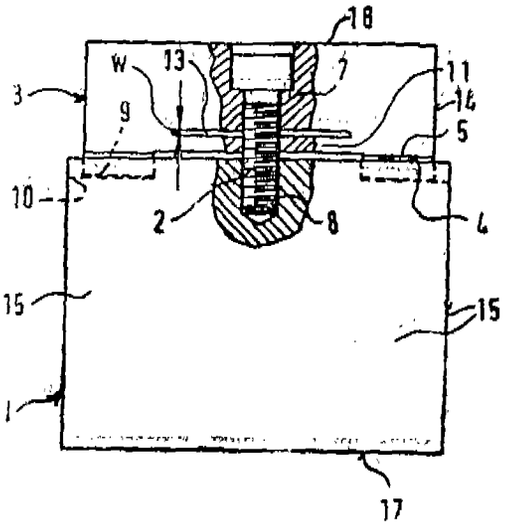


Fig. 1



Compl. Specn. 18 Pages; Drgns. 2 Sheets.

Cl. : 32 F 2 (b)

183247

Int. Cl.[6] : C 07 D 251/70; C 08 K 5/34

A PROCESS FOR PREPARING A TRIAZINE.

Applicant : PPG INDUSTRIES, INC., OF ONE PPG PLACE, PITTSBURGH, PENNSYLVANIA 15272, UNITED STATES OF AMERICA.

Inventors :
DANIEL EDWARD RARDON.
GREGORY JAMES MCCOLLUM.

Application No. 117/Cal/95 filed on 7th February, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

5 Claims

A process for preparing a triazine which is

(a) a triaminotriazine compound of the formula C_3N_6 $(CH_2OR)_{6-x}$ $(CH_2NHCOOR')_x$;

(b) a benzoguanamine compound of the formula C_3N_5 (C_6H_5) $(CH_2-OR)_{4-y}$ $(CH_2NHCOOR')_y$; or

(c) an oligomer of (a) or (b) or mixture of two or more therefore wherein R and R' are independently radicals derived from mono alkyl ethers or alkylene or polyalkylene glycols having at least 4 carbon atoms and monaryl ethers of alkylene or polyalkylene glycols having at least 8 carbon atoms, said glycols being optionally combined with alkyl groups having 1 to 20 carbon atoms; x is in the range of from about 2 to about 6 and Y is in the range of from about 2 to about 4 which comprises reacting at a temperature of from 70 to 125°C, one mole of a melamine compound of the formula $C_3N_6(CH_2OR'')_6$ or a benzoguanamine compound of the formula $C_3N_5(C_6H_5)(CH_2-OR'')_4$ with respectively x moles or Y moles of a glycol ether or carbonate of the formula H_2NCOOR', said reaction, if desired being carried out in the presence of an alcohol or alkyl carbamate, wherein R, R', x and y are as defined above and R'' is hydrogen or one of the definitions for R.

Compl. Specn. 32 Pages; Drgns. Nil.

Cl. : 33 A 183248

Int. Cl. : B 22 D 11/00

AN APPARATUS FOR CONTROLLED PRE-ROLLING OF THIN SLABS, A CONTINUOUS CASTING MOLD INCORPORATING IT AND A METHOD FOR CONTROLLED PRE-ROLLING OF THIN SLABS WITH SAID APPARATUS.

Applicant : DANIELI & C. OFFICINE, MECCANICHE S P A, OF VIA NAZIONALE 33042 BUTTRIO (UD) ITALY.

Inventors :
WOGLER RUZZA.
MICRO STRIULI.
ALFREDO LAVAZZA.
ANDREA CARBONI.
GIOVANNI COASSIN.

Application No. 353/Cal/1997 filed on 26th February, 1997.

(Divided out of No. 201//Cal/94 antidated to 25-03-1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

12 Claims

An appartus (10) for controlled pre-rolling of thin slabs (20) leaving a continuous casting mold (11) provided with foot rolls (12), the apparatus (10) being positioned immediately downstream of the foot rolls (12) of the casting mold (11) such that the slab (20) passing through the apparatus (10) has a liquid core (33), the apparatus (10) comprising : at least one segment, said at least one segment consisting of :

a stationary sector (13) provided adjacent a first major surface of the slab (20) and having a plurality of rolls (14-114-214); and

a movable sector (22) provided adjacent a second major surface of the slab (20) and having a plurality of rolls (16-116-216) associated with at least one hydraulic capsule (17) governed by a servovalve (19) for positioning the rolls (16-116-216) of the movable secor (22);

the plurality of rolls (14-114-214) of the stationary sector (13) being functionally connected to at least one load cell (15);

each said hydraulic capsule (17) being functionally connected with transducers indicating pressure (18) and position (24); and

the load cell (15), the servovalves (19) and the pressure (18) and positioned (24) transducers being functionally connected with a control and data processing unit (21) having means for the insertion/introduction of the pre-rolling parameters (27) and the characteristics of a liquid core (33) of the slab (20).

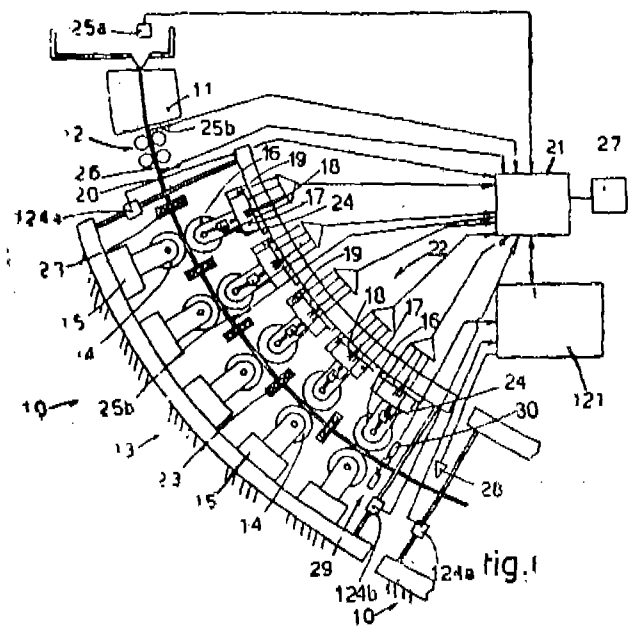


fig. 1

Compl. Specn. 31 Pages; Drgns. 2 Sheets.

Cl. : 28 A 183249

Int. Cl.[4] : F 24 C 3/00

A GAS BURNER ASSEMBLY WITH IMPROVED DYNAMIC STABILITY.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHNECTADY 12345, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : JAMES ROLLINS MAUGHAN.

Application No. 257/Cal/1995 filed on 9th March, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972)), Patent Office Calcutta.

14 Claims

A gas burner assembly (10, 110) with improved dynamic stability comprising :

a burner body (14, 114) with main fuel chamber, a sidewall (18, 118) at least one primary burner port (26, 126) formed in said burner body and a gas feed conduit (28, 128) with an injection orifice (34, 134) for connection to a source of gas (32, 132) through a valve (33, 133);

a main inlet pasage (36, 136) in said burner body; characterized in that;

a pilot inlet pasage (44, 144) connecting said source of gas directly to a pilot port (42, 142) formed adjacent to said primary burner port for providing regnition source therefor.

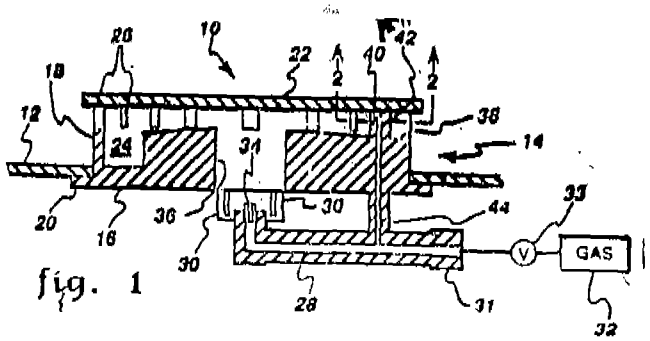


fig. 1

Compl. Specn. 13 Pages; Drgn. 1 Sheet.

Cl. : 206 E 183250

Int. Cl. : H 03 M 1/12

SIGMA DELTA ANALOG-TO-DIGITAL CONVERTER NETWORK FORMED ON AN INTEGRATED CIRCUIT CHIP.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventors :
DAVID BYRD RIBNER.
RICHARD DUDLEY BAERTSCH.

Application No. 951/Cal/95 filed on 14th August, 1995.

(Divided out of No. 656/Cal/90 antidated to 1st August, 1990).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

1 Claim

A sigma delta analog-to-digital converter network formed on an integrated circuit chip, the improvement comprising :

a first integrator comprising a differential amplifier, an associated input capacitor and an associated feedback capacitor, kT/C noise of said first integrator being kept at a low

level using larger capacitors and higher power rating differential amplifier; and

one or more subsequent integrators each comprising a differential amplifier, an asociated input capacitor and an asociated feedback capacitor, said one or more subsequent integrators being responsive to output voltage from said first integrator;

the differential amplifier of each of said subsequent integrators and the input and feedback capacitors associated therewith being smaller in area than said differential amplifier of said first integrator and the input and feedback capacitors associated therewith so as to minimize power dissipation in said subsequent integrators.

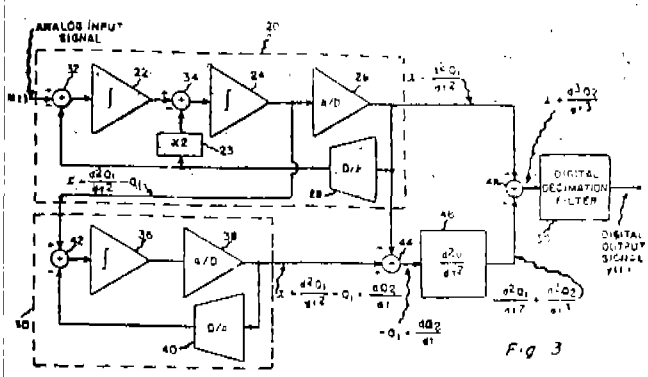


Fig 3

Compl. Specn. 22 Pages; Drgns. 9 Sheets.

Ind. Cl. : 187 E 6 183251

Int. Cl.[1] : H 04 R 1/38

NOISE-CANCELLING TELEPHONE HANDSET.

Applicant : BRITISH TELECOMMUNICATIONS, PUBLIC LIMITED COMPANY, OF 81 NEWGATE STREET, LONDON, ECIA 7AJ, ENGLAND.

Inventors :
1. MICHAEL PETER HOLLIER.
2. KEVIN WELSBY.

Application No. 672/Mas/91, dated 6th September, 1991.

Convention date : 6th September, 1991 : No. 9019448.1 : United Kingdom.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A noise-cancelling telephone handset comprising a housing containing a first order pressure gradient microphone, the housing having two pressure-sensing locations connected to the microphone by means of ducts whereby sound travels from the pressure-sensing locations to the microphone, the pressure-sensing locations being spaced apart by a distance between 20mm to 100mm which is sufficiently large to permit locally-generated speech signals to produce a pressure gradient between the pressure-sensing locations whilst sound signals from distant sources produce substantially equal pressures at the pressure-sensing locations, whereby, the output of the microphone results from the locally-generated speech signals.

Compl. Specn. 10 Pages; Drgn. 1 Sheet.

Ind. Cl. : 195 D 183252

Int. Cl.[4] : G 01 L 19/14.

PRESSURE TRANSMITTER FOR MEASURING A FLUID PRESSURE FROM A PRESSURE SOURCE.

Applicant : ROSEMOUNT INC., A CORPORATION OF THE STATE OF MINNESOTA, U.S.A. 12001 TECHNOLOGY DRIVE, EDEN PRAIRIE, MINNESOTA 55344, U.S.A.

Inventors :
(1) MICHEAL J. DEAN,
(2) LEE ANN MATTISON,
(3) TERRANCE F. KROUTH.

Application No. : 843/Mas/91 filed on 11th November, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A pressure transmitter for measuring a fluid pressure from a pressure source, comprising :

a housing having a housing outer rim encompassing a housing inner rim, the housing inner rim defining a housing opening;

means for sensing pressure disposed in the housing providing a sensor output and coupled to the housing opening;

flange means for coupling the fluid pressure to the means for sensing pressure having a flange outer rim for engaging the corresponding housing outer rim, the flange means having a flange inner rim facing the corresponding housing inner rim the flange means having passage way communicating the fluid pressure from a first flange opening to a second flange opening defined by the flange inner rim, the second flange opening coupling the fluid pressure to the means for sensing pressure;

sealing means for sealing the housing inner rim to the flange inner rim;

securing means securing the flange outer rim and housing outer rim together such that the housing outer rim receives a securing force from the flange outer rim and the sealing means seals between housing inner rim and the flange inner rim; and

flexure means defined by at least one depression in the housing between the housing inner rim and the housing outer rim for reducing transmission of the securing force from the housing outer rim to the means for sensing pressure.

Agent : M/s. Depenning & Depenning.

(Compl. Specns. : 17 pages; Drgns. : 6 Sheets)

Ind. Cl. : 153 183253

Int. Cl.[4] : C 09 K 3/14.

A PROCESS AND DEVICE FOR PRODUCING ELONGATED FILAMENTARY CERAMIC ABRASIVE PARTICLES.

Applicant : NORTON COMPANY, 1 NEW BOND STREET, BOX NUMBER 15008, WORCESTER, MA-01615-0008, UNITED STATES OF AMERICA, A US COMPANY.

Inventor : SCOTT W. PELLOW.

Application No. : 852/Mas/91 filed on 18th November, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Chennai Branch.

27 Claims

A process for producing elongated filamentary ceramic abrasive particles which comprises (i) forcing by means of a forcing means an aqueous dispersion of an abrasive material through an orifice and through a multiplicity of perforations in a belt which moves across and in tight register with said

orifice to form filamentary particles which are sufficiently sticky as to cause the particles to stick together when brought in contact with each other and remain attached to and move with said belt, (ii) treating said filamentary particles to render them non-sticky while they remain attached to said belt, and (iii) thereafter firing the treated filamentary particles to form filamentary abrasive particles.

Agent : M/s. Depenning & Depenning.

Compl. Specns. : 20 pages; Drgns. : One Sheet

Ind. Cl. : 129 G 183254

Int. Cl.[4] : B 21 D 43/00

"APPARATUS FOR WORKING METAL WORKPIECES".

Applicant : LIET, CORNELIS HENDRICUS, OF DUTCH NATIONALITY, OF DENEKAMPERDIJK 38, 7581 PJ LOSSER, THE NETHERLANDS.

Inventor : 1. LIET.

Application No. : 700/Mas/92 filed on Date : 24th November 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

15 Claims

Apparatus for working metal workpieces, comprising a frame (1), a carrier plate (9) pivotably mounted in the frame and carrying a substantially triangular shear blade (11), two triangle sides thereof enclose a right angle and provide the cutting edges (12) extending substantially horizontally and vertically respectively, the shear blade is provided in a complementary recess in the carrier plate rotatable around a shear blade axis, the frame supports a stationary counter shear blade (13), wherein the shear blade side axis is a pin connecting the shear blade rotatably with the carrier plate and being located at the bisector of the right angle between the cutting edges of the shear blade at a distance from said angle and the frame carries a guide guiding the shear blade along said bisector during pivoting of the carrier plate.

Agent : M/s. Depenning & Depenning.

(Comp. Specn. : 16 Pages; Drgs. : 8 Sheets)

Ind. Cl. : 206 E 31 C 183255

Int. Cl.[4] : H 01 L 45/00

A DIRECTLY OVERWRITABLE, SINGLE-CELL MEMORY DEVICE.

Applicant : ENERGY CONVERSION DEVICES, INC. OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN 48084, U.S.A.

Inventor : (1) STANFORD R. OVSHINSKY.

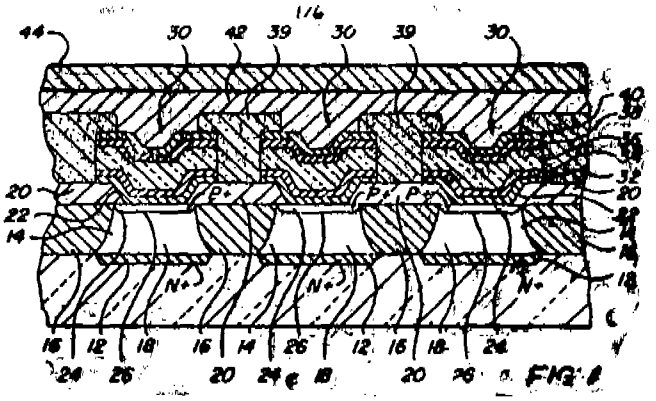
Application No. 716/Mas/92 filed on 27th November, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

28 Claims

A directly overwritable, single-cell memory device comprising, a volume of memory material consisting at least one chalcogen element and at least one transition metal element said volume of memory material having at least two electrical resistance values, the said volume of memory material being setable at one of said resistance value in response to a selected electrical input signal so as to provide said single cell with data storage capabilities; contact means for applying an input signal to set said memory material to a selected resistance value, said contact means consisting of two laterally disposed contacts, providing the terminals for reading information stored in and writing information into said memory material.

Agent : M/s. Depenning & Depenning.



Compl. Specn. 52 Pages; Drgns. 6 Sheets.

Ind Cl. : 91, 127 G 183256

Int. Cl.[4] : B 60 K 41/00, G 05 D 13/00

A TRANSMISSION CONTROL SYSTEM.

Applicant : CATERPILLA INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, 100 N.E. ADAMS STREET, CITY OF PEORIA, STATE OF ILLINOIS 61629-6490, U.S.A.

Inventors :

1. LORNE W. TWEED.
2. MICHAEL B. BRENNEMANN.
3. KEVIN D. KING.
4. WILLIAM M. McCLURE.
5. WILLIAM J. TATE.

Application No. 636/Mas/93 filed on 7th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

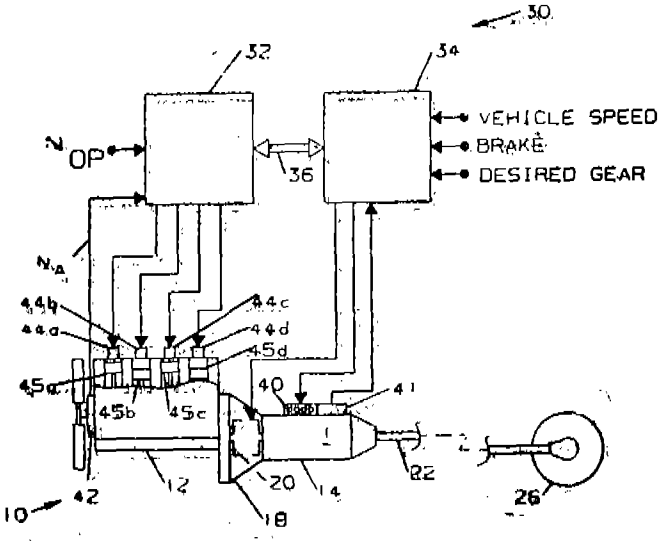
5 Claims

A transmission control system for a vehicle having an engine (12) connected to and adapted to drive an automatic transmission (14) through a torque converter (18), the transmission having a plurality of transmision gear ratios and a means for automatically establishing a particular gear ratio in response to a transmission control signal; the said control system comprising : a transmission controller (34) for sensing at least one operating parameter and producing transmission control signals in response to the sensed parameter and in accordance with a predetermined shift map, the transmission controller further producing a CTSSPEED signal during a change from an old gear ratio to a new gear ratio, the CTSSPEED signal corresponding to a speed which is a predetermined amount above a synchronization speed of the new gear for an upshift and a predetermined amount below the synchronization speed in the new gear for a downshift; an engine speed sensor (42) for sensing engine speed and producing an actual engine speed signal means for producing an operator desired engine speed signal; and an engine controller (32) for receiving the operator desired engine speed, actual engine speed and the CTSSPEED signals, calculating an error signal in response to a difference between the actual and desired speed signals when the CTSSPEED signal is not received, calculating an error signal in response to a difference

between the CTSSPEED signal and the actual engine speed signal when the CTSSPEED signal is received, and regulating actual engine speed to reduce the error signal to zero.

Reference : US 4226447, 4355550, 4370903, 4403527, 635/MAS/93.

Agent : M/s. Depenning & Depenning.



Compl. Specn. 21 Pages; Drgns. 5 Sheets.

Ind. Cl. : 206 E. 183257

Int. Cl.[6] : H 03 M 5/00.

APPARATUS FOR DETERMINING A RELATIVE MAGNITUDE FOR A PORTION OF A DATA SIGNAL IN A COMMUNICATION SYSTEM.

Applicant : KUALCOMM INCORPORATED, 10555 SORRENTO VALLEY ROAD, SAN DIEGO, CALIFORNIA 92121-1617, USA. A DELAWARE CORPORATION.

Inventor : LINDSAY A WEAVER, JR.

Application No. 816/Mas/93 filed on 15th November, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

An apparatus for determining a relative magnitude for a portion of a data signal in a communication system which is in phase with a reference signal for that communication system comprising : extracting means for extracting first and second components of a reference signal; extracting means for extracting first and second components of a data signal; generating means for generating a product of said first components of said data and reference signals to provide a first intermediate value, and for generating a product of said components of said data and reference signals to provide a second intermediate value; and summing means for summing said first and second intermediate values.

Reference to : US Patents—5103459, 4901307, 5109390.

Agent : M/s. Depenning & Depenning.

(Comp. Specn. : 19 pages; Drwgs. : 3 sheets)

Ind. Cl. : 40 F, 139 G. 183258

Int. Cl.[6] B 01 D 53/34, C 01 B 17/04.

A METHOD AND AN APPARATUS FOR PRODUCING A SULPHUR COMPOUND SELECTED FROM SULPHURIC ACID, CONDENSED SULPHUR DIOXIDE AND ELEMENTAL SULPHUR FROM A FLOW OF GAS CONTAINING OXIDIZED SULPHUR COMPOUNDS.

Applicant : HOOGOVENS STAAL B. V. P. O. BOX 10.000, 1970 CA IJMUIDEN, THE NETHERLANDS, A DUTCH COMPANY.

Inventors :

1. JOHANNES GREEFKES
2. ADRIANUS JOHANNES DEN HARTOG

Application No. 897/Mas/93 filed on 15th December 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

15 Claims

A method of producing a sulphur compound selected from sulphuric acid, condensed sulphur dioxide and elemental sulphur from a flow of gas containing oxidized sulphur compounds, comprising the steps of :

(i) treating said flow of gas in a wet gas separator to obtain therefrom a first component flow containing at least 30% of the total oxidized sulphur compounds in said flow of gas and a second component flow containing at least a part of the remainder of the total oxidized sulphur compounds in said flow of gas;

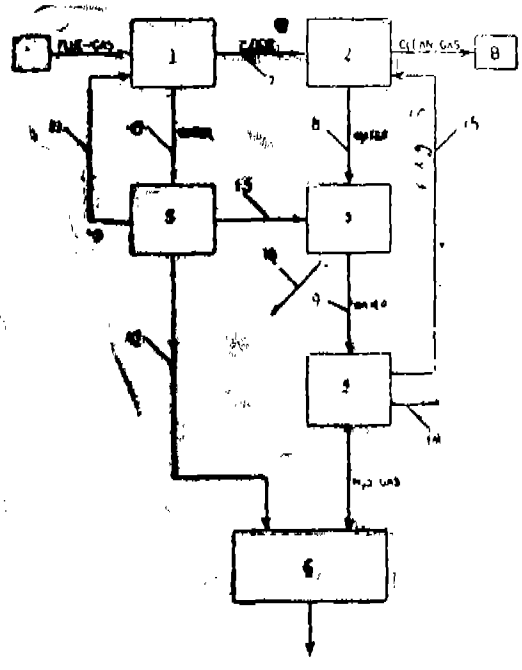
(ii) converting said first component flow into a concentrated gas containing oxidized sulphur compounds in a concentration of at least 25% by volume;

(iii) converting oxidized sulphur compounds in said second component flow into hydrogen sulphide; and

(iv) supplying said concentrated gas containing oxidized sulphur compounds of step (ii) and said hydrogen sulphide of step (iii) to a reactor vessel to obtain the sulphur compound selected from sulphuric acid, condensed sulphur dioxide and elemental sulphur in a know manner.

Refence : EP-A-217567, NL-A-7505940, Dutch : 166000.

Agent : M/s. Depenning & Depenning.



(Comp. Specn. : 22 pages; Drgs. : 1 sheet)

Ind. Cl. : 150 C. 183259

Int. Cl.[4] : F 16 L 33/00.

PLUG-IN SAFETY COUPLING FOR PRESSURE LINES.

Applicant : HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, OBERDORFSTRASSE 21, CH-8812 HORGEN 2, SWITZERLAND, SWISS COMPANY.

Inventor : ALBRECHT WUTHRICH.

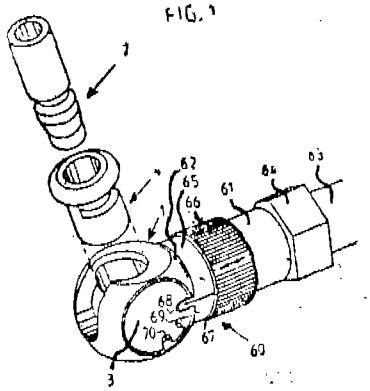
Application No. 39/Mas/94 filed on 21st January, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

Plug-insafety coupling for pressure lines with a coupling socket with a blocking member (3), which is pivotably mounted therein, which has a diametrical through bore, and a plug (2) insertable therein for pressureless coupling and uncoupling, characterised thereby that the blocking member (3) is lockable against pivotation at least in the flow position by means of at least one displaceable bolt or cam (67), which bolt or cam (67) engages into a bore (68, 69, 70) or a recess in the blocking member (3), furthermore that the blocking member (3) has a recess arranged at right angles to its pivotational axis and is arranged about its through bore, into which an adapter (4) with through bore is inserted form-lockingly and sealingly, whereby its interior is shaped as coupling sleeve for the plug (2), which is to be inserted.

Agent : M/s. Depenning & Depenning.



(Compl. Specn. : 23 pages; Drwgs. : 5 sheets)

Ind. Cl. : 107-G. 183260

Int. Cl.[4] : F 02 B 1/00.

TWO-STROKE-CYCLE INTERNAL COMBUSTION ENGINE.

Applicant & Inventor : CHUNG HSIN CHEN, OF 5TH FLOOR, NO. 129, MIN CHUAN RODA, HSIN TIEN CITY, TAIPEI HSIEN, TAIWAN, REPUBLIC OF CHINA, (A CHINESE NATIONAL).

Application No. 123/Mas/94 dated February 24, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A two-storke-cycle internal combustion engine comprising:

a cylinder housing (10) having a periphery and first and second ends;

a piston assembly (12) reciprocatingly received in the cylinder housing and dividing the cylinder housing into a combustion chamber at a first end thereof and an air chamber at a second end thereof;

means for converting reciprocating movements (20, 21, 22) of the piston assembly into rotational movements;

an exhaust port (32) formed in the periphery of and adjacent to the first end of the cylinder housing;

an inlet port (34) formed in the periphery of and adjacent to the second end of the cylinder housing;

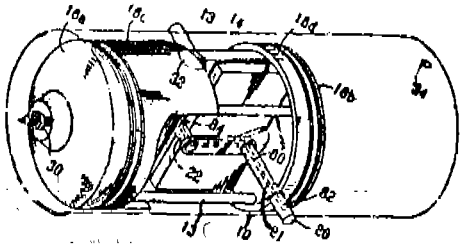
a scavenging conduit (40) having first and second ends in the periphery of the cylinder housing, the distance between the first end of the scavenging conduit and the first end of the cylinder housing being greater than that between the exhaust port and the first end of the cylinder housing; and

a fuel/air inlet conduit (50) having a first end in the periphery of the cylinder housing and a second end in the second end of the cylinder housing, the distance between the first end of the fuel/air inlet conduit and the first end of the cylinder housing being greater than that between the first end of the scavenging conduit and the first end of the cylinder housing;

the piston assembly having a compression stroke, a power stroke, an exhaust stroke, a scavenging stroke, and a fuel/air injection stroke in the cylinder housing, in which the first ends of the scavenging conduit and the fuel/air inlet conduit are closed during the exhaust stroke, the first end of the fuel/air inlet conduit is closed during the scavenging stroke, and the second end of the scavenging conduit is closed during the fuel/air injection stroke.

Ref. cited : U. S. Patent No. 4486157.

Agent : M/s. Depenning & Depenning.



(Compl. Specn. : 17 pages; Drwgs. : 12 sheets)

AMENDMENT PROCEEDINGZS UNDER SECTION 57

The amendments proposed by M/s. LONZA LTD., SWITZERLAND, in respect of Patent Application No. 771/Mas/92 (174380) as advertised in Part III Section II in the Gazette of India has been allowed.

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Research Designs & Standards Organisation, Lucknow to the grant of a Patent on Application No. 1825/5 (356/Cal/95) dated 31st March, 1995 made by M/s. George Robel GmbH & Co., Germany.

COMMERCIAL WORKING OF PATENTED INVENTIONS

CHEMICAL ENG. INDUSTRY LIST. NO. III

The following patents in the field of Mechanical Engineering Industry are not being commercially worked in India as admitted by patentees in the statements filed by them under section 146(2) of the patents Act, 1970, in respect of Calender Year 1996, generally on account of want of request for licences to work the patented inventions, persons who are interested to work the said patents commercially may contact the patentees for the grant of a license for the purpose.

Patent No.	Date of Patent	Name & Address of Patentee	Title of the Inventions
1	2	3	4
166967	16-07-86	Aerospatiale Societe Nationale Industriellea Co., Japan.	A rotar head having an integrated hub-most for a gyroplane roter.
166968	16-07-86	Do.	A feapping stop device for a gyroplane roter.
165810	18-12-90	Do.	A device for deicing a wing structure.
172014	05-12-86	Alcan International Ltd., Canada.	A method for press forming aluminium components in to desired shapes for use in automotive industry.
173623	28-09-87	Do.	A method of weilding together aluminium components.
160102	02-03-84	American Flange & Manufacturing Co., Inc. U.S.A.	A closure assembly for dispensing liquid products from cans and pails.
162857	08-04-85	Do.	Tamper-evident closure assembly.
159909	24-08-83	Aluminium Company of America, U.S.A.	Method and apparatus for production of stamized metal.
164522	11-06-85	Asarce, New Jersey	Gas burners
170010	25-11-87	Authony-Leon stephene of Common Wealth of Australia.	A transportable apparatus for proportioning the ingredientes of mixtures.
160334	28-02-84	Aur Hydropower Limited, London EC4, England.	Water engine
174479	16-01-89	Biolamdes, Tachnologies of France.	A process for separating by solvent extracting a product (solute) such or essential oils contained in a plant material and an apparatus for carrying out the process.
174351	27-02-89	British Technology Group Ltd., London, England.	pressure regulator & aereal dispenser package having said pressure regulater.
159379	29-06-83	Castrol Ltd., of Burmah House pipers way swindon, Wiltshire, England.	Liquid dispensing system.
160204	25-01-84	Continental Disc Corporation state of Missuri, USA.	A reverse buckling rupture disc.
159316	31-03-83	Council of Scientific & Industrial Research, N. Delhi.	An apparatus for precision low temperature vapour deposition of thin film coatings on water sub-strates.

1	2	3	4
161054	23-07-85	Council of Scientific & Industrial Research, New Delhi	Improvedents in or relating to package water treatment plants for water of varying turbidities.
161452	04-07-84	Do.	Improved automatic water sprinkler for use as a fixed fire protection device.
161527	05-11-85	Do.	Improvements in or relating to a fish mincing machine.
161545	30-04-85	Do.	Hydraulic bolt tensioning device.
162646	13-09-85	Do.	An improved device for measuring weight of charge onloaded by the rotary wagon tippler from wagons.
163395	29-03-85	Do.	Swing blade crosswing axie turbine.
163819	27-05-86	Do.	Portable multigas sampler for continuous sampling of air in the atmosphere.
163841	30-08-85	Do.	An improved Harricane lantern.
164314	12-08-86	Do.	Tensioned cable trues device.
165155	18-07-85	Do.	An improved device for joining precost piles in segments.
165156	18-07-85	Do.	An improved device for joining precast concrete piles.
165157	18-07-85	Do.	Improved device for joining precast poles.
165158	18-07-85	Do.	An improved device for joining of precast piles.
165439	21-04-86	Do.	An improved for aeration of liquide.
166144	12-02-87	Do.	A turbine blade having inbuilt cooling arrangements.
166168	05-11-86	Do.	Multifuel domestic chula for efficient burning of different types of solid fules.
166312	23-07-86	Do.	An improved solid waste incinerater.
166478	10-07-86	Do.	An improved process for the production of moulded state with inbuilt frame.
166491	24-11-87	Do.	A process for the preparation of new ceramic membrane for water filteration.
166771	12-06-86	Do.	A multi strain gauge for measuring pure water pressure.
167940	07-09-87	Do.	Multi functional digging tool to function as spade cum hoe.
168453	01-10-86	Do.	An improved device for the production of silicon rods from silicon filaments.
168797	30-06-86	Do.	A device for the extraction of oil from oil brearing seeds.

1	2	3	4
169123	16-03-89	Council of Scientific & Industrial Research, New Delhi	A moulding device for preparing spherical segment mirrors using mirrors films bonded to fibreglass reinforced plastic dishes.
169145	10-12-86	Do.	A mould for the production of precast concreate blocks for construction of roads & other ridding surfaces.
169853	28-09-87	Do.	An eqipment for dehusking of grains.
170349	19-08-87	Do.	Flexible element for cart wheel exle & a cart wheels incorporating the said flexible elements
170433	29-01-87	Do.	An improved wind mill.
170587	04-05-88	Do.	An improved multi-surface solar stillfer convertingsalin or poluted water into fresh or distilled water.
170582	02-06-87	Do.	A fastening device to prevent pipes from slippage.
170766	27-10-88	Do.	An apparatus for the production channel block.
170767	17-02-89	Do.	An electrochemical moniter for the quantitative estimation of mercury & ethrmetal cations such as Cu++, Ag+ pb++ in solution,
170827	19-08-87	Do.	An improved screenging gas turbine,
171191	13-04-87	Do.	process for preparation of a cold bonded iron ore pelletes.
171192	05-05-87	Do.	An improved process for the manufacture of cold bonded iron ore pellete.
171194	31-07-87	Do.	A process for producing high strength cold bonded ore pellets of orefines having a strength of zooker
171625	15-04-87	Do.	A device for dragging out coke from beehive coke ovens.
171790	14-03-89	Do.	An improved process for the preparation of activated porous ironplate useful as an electodes for nickel iron battery,
172109	15-02-89	Do.	An improved cell for the electore refining of aluminium.
172320	30-03-88	Do.	An improved process for the preparation of iron blns pigment.
173089	26-06-89	Do.	Device for sensing & measuring moisture content in soils & other porous materials.
173446	28-12-87	Do.	process for extraction of kappa carrageenan from idian read seawoods.

1	2	3	4
173903	14-03-89	Council of Scientific & Industrial Research, New Delhi	A power operated machine for splitting bamboo.
173970	26-12-90	Do.	An improved process for the preparation of micro titreplate use- ful for enzyme immunassay of testerene in serum.
174005	30-05-88	Do.	An improved device for convertion solar energy to thermal energy.
174175	29-08-88	Do.	A device for testing permeability of geotextiles.
174231	02-08-88	Do.	An improved atomising film burner.
174341	13-06-89	Do.	An electron emitting device for high resolution electon- optical instruments.
174777	04-08-88	Do.	An expendible bit for the installation of horizental drains for preventing landslides.
174853	27-06-89	Do.	An improved concentrating type solar cooker.
174939	03-01-91	Do.	Rotary piston flowmeter.
174948	19-10-89	Do.	A direct reading portable atmospheric corrosion moniter.
175012	15-12-88	Do.	A strain gauge steps indicator used tomecasune lateral displacement of hill sloper & other earth worker.
175187	09-07-90	Do.	A device for automatic stoppage of fluid loss due to removal of top in a pipeline
175313	18-05-90	Do.	A sea activated switching machanism device for marine instruments
175491	10-11-89	Do.	A process for the preparation of tuel briguettes pulp and waste fuel fines.
175295	22-06-89	Do.	An agricultural and gardening tools set having inter changeable fixing device.
175856	07-11-88	Do.	An improved solar cooker
176014	12-05-89	Do.	A pressure algometer for measuring the pain threshold of a person.
176019	27-12-88	Do.	An improved retating regeneration for heating cold gas/air with hot gas/air.
176146	23-01-90	Do.	Improved process for making high quality steel directly from particles of iron rich materials & noncocking coal fines.
176163	24-10-88	Do.	A process for the production of high speed ocst stel for use as high speed cutting tool.
176278	25-07-89	Do.	A process for the preparation of thin transparent coloured film filters useful for the determination of anienia and catinic pollutants in aqueouse solution & device therefor.

1	2	3	4
171348	19-01-88	Doris Engineering, of Paris, France.	Non-rigid marine platform for use in deep water applications.
160666	09-08-83	Emhart Industries Inc., of P.O. Box 2730 U.S.A.	A moulding device for use in a cyclically separating glassware forming machine
161975		Do.	Moulding apparatus for use in a cyclically rating glassware forming machine
166723	06-05-86	Do.	Drive system for a glass container production line
176545	22-01-90	Europa Metalli, Limi, S.P.A. of Berge, Firenze, Italy.	A process for the preparation of tubular copper or copper alloy chill or copper alloy chills or ingot moulds for use in continuous steel casting installations.
158933	15-03-83	Exxon Research & Engineering Co., U.S.A.	Power plant integration coal fired steam boiler with air turbine.
167611	06-01-87	G.D. Soeieta, Per Azieni of vipomponia 10, 40100, Bologna, Italy.	Device for feeding a strip paper on a dualred cigarette manufacturing machine
167034	21-07-86	General Signal Corp, of high Ridge park, stamford, U.S.A.	Gravimetric feeder apparatus for feeding particulate of a feed rate in terms of weight per unit time.
161458	14-09-84	The Gillette Company State of Massachusetts, U.S.A.	Razor blade assembly.
175323	02-05-88	Do.	A tandom blade assembly for a safety razor.
175362	11-04-88	Do.	Razor head unit storage tray.
174639	16-10-89	Gragory Gould of 30, Clairment Avennue, New York-10594, USA.	Apparatus for accurally and reliably measuring one or more characteristics of a bulk material.
175118	14-04-88	The Gillette Company of USA.	Razor blade assembly for use wet shaving.
160884	15-11-83	Do.	Razor blades.
174788	01-11-88	Do.	A razor assembly.
171854	11-12-87	Do.	Razor handle assembly.
172500	03-06-88	Do.	Apparatus for providing a fact on opposed surfaces of cutting instrument.
161421	13-02-84	Glaverbel of chausseede ka Hykpe 166, B-1178, Bruxelles Belgium.	A process for providing modified silica refractory structures.
174349	15-11-88	Do.	A process for the manufaoturing of refractory structure.

1	2	3	4
168875	08-05-87	Harold J. Kesasky of 25 Boylston street Massachusetts, USA.	Ovulation testing appratus.
174632	24-02-89	Interlogo A.G. of sihlbruggstrasse, Switzerland.	A toy building element.
164968	30-10-85	John Derek Guest IONA Cannon Hillway Berkshire, United Kingdom.	Improvement in or relating to tube couplings.
170967	30-06-87	La-Telemechanique, Electique, of Nanterre, France.	A device preferably for use in thermal tripping apparatus.
172629	21-06-88	La-Telemechanique Electrique a French Corporation.	A device rendering contractors electrically & mechanically in-operative.
174249	14-07-87	Lego A/S, of Asstvej, 1, DK-7198, Billund, Denmark.	A picture book in combination with toy elements to provide a three dimensional effect.
161218	16-08-84	Losinger Ag. Canten of Borne, Switzerland.	Anchering arrangement for freely escillating steel tensiken elements of a dynamically stressed structural component.
176144	09-03-89	Marpro Tortek Ltd. of Brent Avenue Ferties Road, Industrial Estate mentrose Augus, Scotland.	Device for hydraulic conveyance of loose material.
174478	01-12-88	Motorola Inc. of 1303, East Algenquin road schumburg Illinois USA.	A code book vester generating device for code book vester for avester for quantizer.
165526	03-07-85	Morgan Constructions Company, United state of America.	Method for rolling and heat treating a stainless steel rod of small diameter of 4.8 to 5.5 mm. to produce stainless steel articles.
164204	04-09-85	Do.	A conveyor having a mutually spaced driven rollers for conveying hot rolled rod rings in combination with an appratus for rapidly air cooling said rings.
161705	30-07-84	Do.	Improved method of hot rolling and direct sequential cooling of steel rod.
161325	30-07-84	Do.	Apparatus for bending rolling mill laying pipe
162917	12-03-85	Do.	An improved single strand block-type rolling mill.
172316	01-03-88	Do.	An improved rolling mill.
172041	04-11-87	Do.	Rolling mill.
172027	03-10-87	Minerals Technologies Inc, of 235, East 42nd street, New York, USA.	An injection nozzle for use in metallurgical processes such as steel making process.
163029	11-05-85	National Research Development Corpn, a British Corporation.	Whole crop harvesting or separating apparatus.
174347	05-10-88	Norsk Hydro A.S. of Bygdey Alle 2, 0257 Os 10-2-Norway.	Pneumatic desimeter for exact dosage of pulverylent material.
174774	10-03-89	Orbital Sciences Corpn, of 12500, Fair Lakes circle fair fax USA.	Rocket booster vehicle.
175324	15-12-88	Norsk Hydro A.S. Norway.	Apparatus for the automatic determination of the size distribution of particular & the deviation from desired shape & colour.

1	2	3	4
159675	24-02-83	Paul-Wurth S. A. 32 rue 'D'Alasace Luxembourg Grand of Luxembourge	Device for coupling
159870	08-12-83	Do	Appiratus for guiding and changing immersion lances.
160258	08-03-84	Do	Appiratus for p ugging tap holes of shaft furnaces.
160951	04-04-84	Do	Appiratus for plugging the tap holes of shaft furnaces.
174178	21-08-88	Do	Blast pipe holder for injecting preheated air into a shaft furnace.
174214	21-09-88	Do.	Device for injecting preheated air into a shaft furnace.
174233	26-08-88	Do.	Automatic lance change over device.
174473	23-09-88	Do.	Device for mounting a gripper for coupling a red for piercing machine.
174727	27-03-89	Do.	Machine for opening the tap holes of a shaftfurness.
175297	05-09-88	Peter David Young ; of channel Isklnd United Kingdom.	An apparatus for handling an article.
173621	10-11-88	Portals Ltd. of overten England.	Security paper for Beucurty documents and a process for the manufacture of the same.
173966	22-10-90	The Procter Gamble company state of ohio, USA.	Method of treating materials on articles.
158407	14-11-83	R. Bhasker Ramchandra Pui, Bangalore.	An improved device for measuring flow rates of fluids.
174705	24-10-89	Samsung Electron Device: Co. Ltd. kersan corporation.	Cleaning device for the sealing portion of the panel of a cathode ray colour tube.
175179	10-01-90	Do.	Supporting structure for heater of electron gun.
174707	24-10-89	Do.	A panel for color cathode ray tube.
174708	07-11-89	Do.	Sire break warning apparatus for a heating device of dust removing ultrasonic horn.
174709	07-11-89	Do.	Granular material packing apparatus.
174762	06-12-89	Do.	Graphite suspension spreading device for use information of black matrices of color picture tube.
74627	15-11-89	Do.	A drying device for the inner graphite layer of a color picture tube funnel.
174801	15-11-89	Do.	A protecting device for connecting pins on electron gun of a cathod ray tube.
174847	06-12-89	Do.	A stem protecting bare for a stem of an electron gun of a cathode ray tube.
174390	24-10-89	Dh.	A device for spreading a layer of solution on a surface of the panel for color cathode ray tubes.

167033	11-07-86	Sanford Redmond of 746 Riverbank Rd. connecticut 06903 USA.	Dispenser package for flowable substance.
174176	19-09-98	Do.	Machine for automatically simultaneously producing a predetermined number of filled & realed finished packages.
175453	13-03-89	Shell International Research Netherland.	An apparatus for measuring decreasing thickness of the refractery lining.
162523	11-12-84	Societe Nationale Des poydres ET Explesifs France.	Device for inhibting the end-faces of a block of prepellent.
166093	05-02-86	Societe Nationale Des Prodres Et Explosit .	Apparatus for the manufacture of one or more blocks at propellant by casting.
170751	05-06-87	Societe Nathionale Industrielle Aerospatiale France.	A directional and stablising device for aircraft and a helicopter having such a device.
176274	07-07-89	Societe Europoeinne Das products courbevois France.	A ceramic element for equipping regenerators of glass melting furnace.
170744	17-03-87	Toray Industries Inc. of 2-1 Nihonbashi muromachi Japan.	Apparatus for fractionating a cell suspension.
175175	03-05-89	Toys Engineering Corpn. of Tokeyo Japan.	A process for manufacturing of a catalyst for use in steam reforming reaction.
170466	30-07-87	Whirlpeshi Corporation state of America.	A method of treating a soiled textile wash lead to restore to its former chondition.
174320	10-04-89	Do.	Variable speed control circuit for an automatic washer.
175137	10-08-88	Wikinson Sword Gesellschaft mit Beschrankter, Haffling Schutzenstrasse 110 West Germany.	Razer blade unit.

PATENT SEALED ON 17-09-99

181367*D 181368*D 181442* 181649 181709* 181756*D 181775* 181958* 182031 182080* 182163* 182207* 182209* 182215*D 182217*D 182218*D 182219*D 182221* 182222* 182226* 182227* 182228 182231 182232 182233* 182234 182235 182236 182237 182238* 182239 182240 182241 182242 182243 182245*F 182251 182252 182264 182265* 182269* 182270*D 182271* 182276* 182278*F 182270*D 182290*D 182440*F

CAL—31, DEL—01, MUM—04, CHEN—12

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The Date shown in the each entries in the date of registration included in the entries.

Class 3. Nos. 175022 & 175023, M/s. Asian Plastic, Plot No. 102, Marol Co. Op. Industrial Estate, Mathuradas Vasanji Road, Marol, Andheri (E), Mumbai-400 059, State of Maharashtra, India, an Indian partnership firm, "TRAY", 18th November 1997.

Class 3. No. 175024, M/s. Asha Handicrafts, 102, Marol Co. Op. Industrial Estate, Mathuradas Vasanji Road, Marol, Andheri (E), Mumbai-400 059, State of Maharashtra, India, an Indian partnership firm, "LUNCH BOX", 18th November 1997.

Class 3. No. 175025, Kotak Lace Craft, M. S. Building, No. 13, 1st floor, Room No. 456, Chembur, Mumbai-400 074, Maharashtra, India, an Indian sole proprietory firm, "FASTENER", 18th November 1997.

Class 3. No. 175026, Kotak Lace Craft, M. S. Building, No. 13, 1st floor, Room No. 456, Chembur Mumbai-400 074, Maharashtra, India, an Indian sole proprietory firm, "STRAP ADJUSTER", 18th November 1997.

Class 1. No. 175029, Super Bins Manufacturing Co. (India), an company at No. 403, 'B' Puttonahalli Road, J. P. Nagar, 6th Phase, Bangalore-560 078, Karnataka, India, "Troky with Bukets" 18th November 1997.

Class 3. No. 175031, Sunchari Exports Ltd., of 2210/64, Gurudwara Road, Karol Bagh, New Delhi-110 005, India, an Indian company, "TOOTH BRUSH", 18th November 1997.

Class 1. No. 175032, Acushnet Company, incorporated in the State of Delaware, U.S.A. of 333 Bridge Street, Fairaven, MA 02719, U.S.A., "GLOVE", 18th November 1997.

Class 1. No. 175034, Assured Marketing of 9H, Gopla Towers, Rajindra Place, New Delhi-110 008, India, an Indian partnership firm, "WET GRINDER", 18th November 1997.

Class 3. No. 175035, Assured Marketing of 9H, Gopla Towers, Rajindra Place, New Delhi-110 008, India, an Indian partnership firm, "WET GRINDER", 18th November 1997.

Class 3. No. 175033, Geep Industrial Syndicate Limited, of 28, South Road, Allahabad-211 001, U.P., India, an Indian Company, "TORCH", 18th November 1997.

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